

 UNIVERSITÀ DELLA CALABRIA  
DIPARTIMENTO DI  
INGEGNERIA INFORMATICA,  
MODELLISTICA, ELETTRONICA  
E SISTEMISTICA  
DIMES



*30th of January,  
2019*

*Room A28, ground  
floor of Building 1*

*Area del CNR di  
Pisa, Via Moruzzi  
1, 56124 Pisa, Italy*



*Visual Pattern Extraction and Recognition  
for Cultural Heritage Understanding*

### **Organising Committee**

- *Alessia Amelio*, University of Calabria
- *Marijana Ćosović*, University of East Sarajevo
- *Ivo R. Draganov*, Technical University of Sofia
- *Radmila Janković*, Mathematical Institute of Serbian Academy of Sciences and Arts
- *Katerina Kabassi*, Ionian University
- *Dejan Tanikić*, University of Belgrade

**14:00 - 15:00 Registration and Welcome**

**15:00 - 16:30, Chair: Alessia Amelio**

*Architectural heritage: 3D documentation and structural monitoring using UAV*, Danila Germanese, Maria Antonietta Pascali, Andrea Berton, Giuseppe Riccardo Leone, Davide Moroni, Bushra Jalil and Marco Tampucci [10m + Q&A]

*Classification Methods in Cultural Heritage*, Marijana Ćosović, Alessia Amelio and Emina Junuz [10m + Q&A]

*Use of a Knowledge Patterns-Based Tool for Dealing with the "Narrative Meaning" of Complex Iconographic Cultural Heritage Items*, Gian Piero Zarri [10m + Q&A]

*Cultural Heritage Digitalization in BiH: state-of-the-art review and future trends*, Belma Ramic-Brkić, Marijana Ćosović and Selma Rizvić [10m + Q&A]

*Natural Interaction in Augmented Reality context*, John Aliprantis, Markos Konstantakis, Rozalia Nikopoulou, Phivos Mylonas and George Caridakis [10m + Q&A]

*Context incorporation in cultural path recommendation using topic modelling*, Konstantinos Michalakis, Georgios Alexandridis, George Caridakis and Phivos Mylonas [10m + Q&A]

**16:30 - 16:50 Coffee break**

**16:50 - 18:20, Chair: Marijana Ćosović**

*Exploring Leonardo Da Vinci's Mona Lisa by Visual Computing: a Review*, Alessia Amelio [10m + Q&A]

*Augmented Reality for the Enhancement of Archaeological Heritage: a Calabrian Experience*, Anna Berlino, Luciano Caroprese, Antonio La Marca, Eugenio Vocaturo and Ester Zumpano [10m + Q&A]

*Educational Games for Cultural Heritage*, Eugenio Vocaturo, Ester Zumpano, Luciano Caroprese, Saverio Mario Pagliuso and Divina Lappano [10m + Q&A]

*A Prototype System for Automatic Design of Virtual Exhibitions Integrating Cultural Assets from Public Repositories*, Vasileios Komianos and Konstantinos Oikonomou [10m + Q&A]

*Classifying Cultural Heritage Images by using Decision Tree Classifiers in WEKA*, Radmila Janković [10m + Q&A]

*2D DT-CWT CBIR with Adaptive Selection of the Decomposition Level*, Ivo Draganov and Stella Vetova [10m + Q&A]

**18:20 - 18:30 Closing**